

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : C. Cantor *et al.*

Art Unit : 1634

Serial No. : 10/645,816

Examiner : Jennifer Shin Shin Wong

Confirmation No.: 7901

Customer No.: 20985

Filed : August 20, 2003

Title : **USE OF NUCLEOTIDE ANALOGS IN THE ANALYSIS OF
OLIGONUCLEOTIDE MIXTURES AND IN HIGHLY MULTIPLEXED
NUCLEIC ACID SEQUENCING**

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Dear Sir:

Responsive to the Office Action, mailed April 7, 2006, entry of the following amendments and consideration of the following remarks are respectfully requested.

Amendments to the claims are reflected in the listing of the claims which begin on page 2 of this paper.

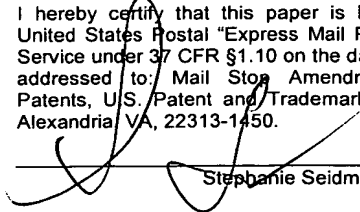
Remarks/Arguments begin on page 4 of this paper.

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.


Stephanie Seidman